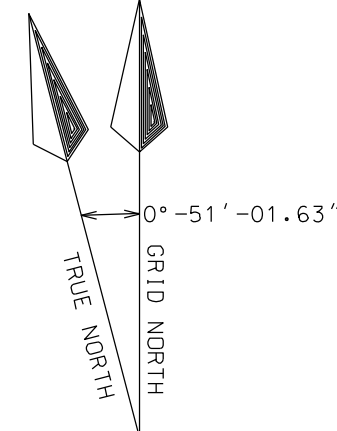
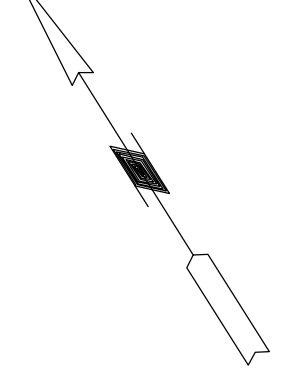
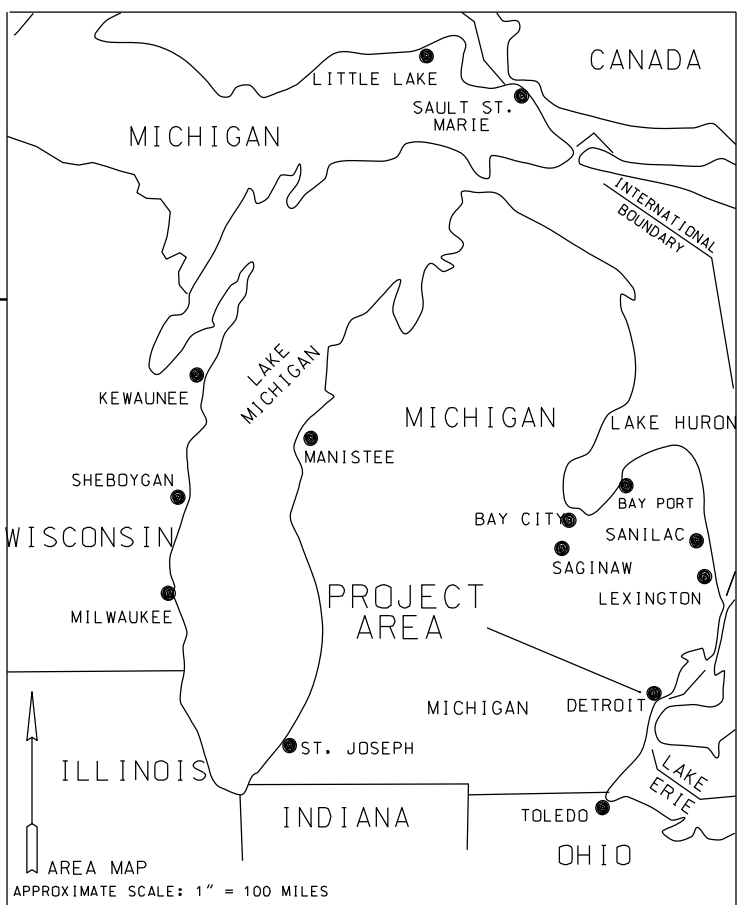


ROUGE RIVER  
SHEET INDEX



GRID SCALE FACTOR: 0.999962297  
GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.

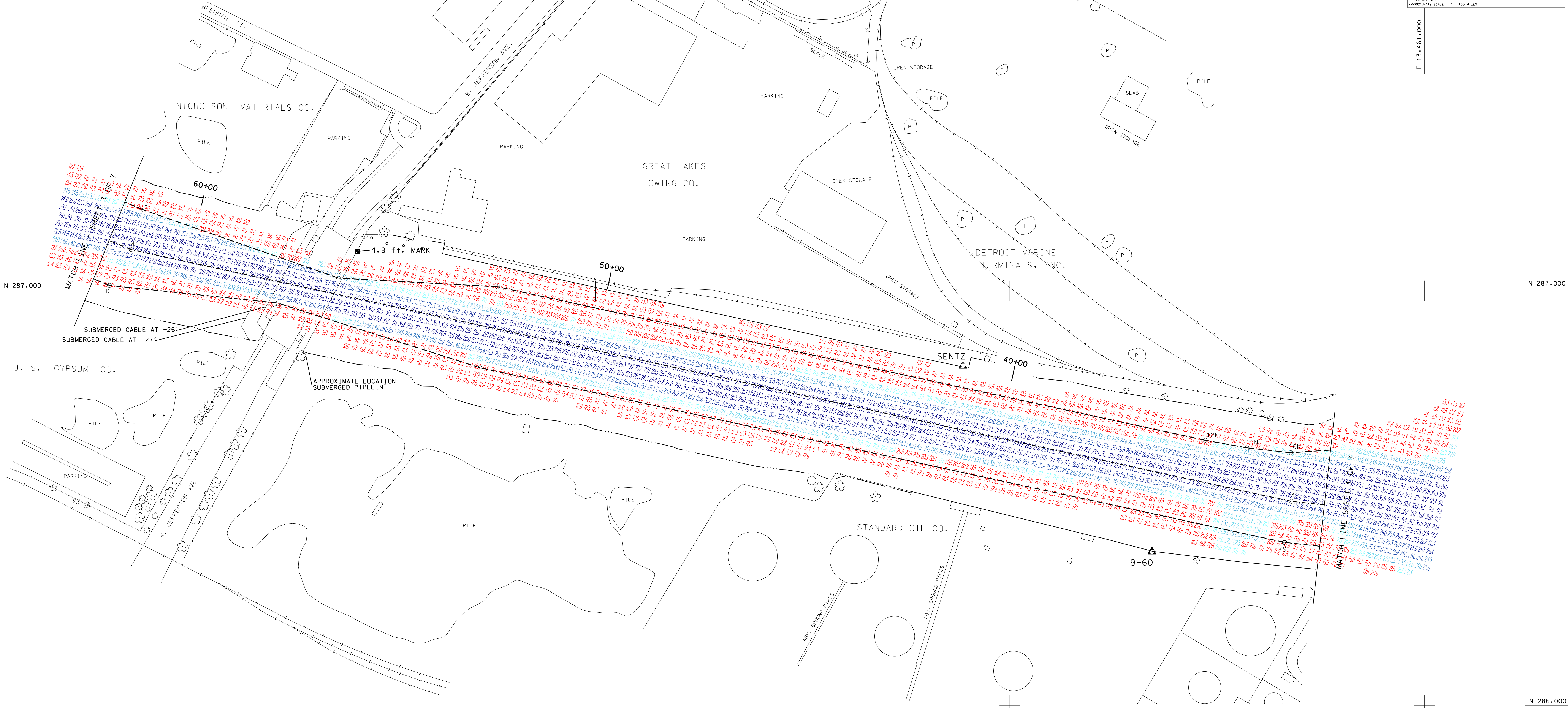


E 13.461.000

N 288.000

N 287.000

N 286.000



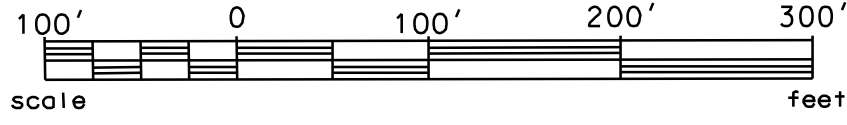
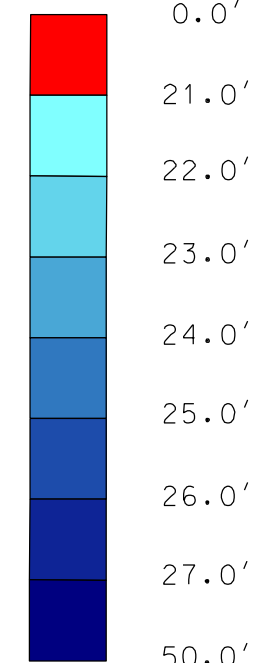
NOTES

- THE SOUNDINGS INDICATED HEREON REPRESENT THE MINIMUM DEPTH FOUND IN THE 20 FOOT BY 20 FOOT AREA CENTERED AROUND THE TEXT. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS.
- ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM ZERO IS 571.2 FEET ABOVE MEAN WATER LEVEL AT POINT RIMOUSKI QUEBEC. WATER LEVEL READINGS ARE FROM AN AUTOMATED GAUGE LOCATED AT THE JEFFERSON STREET BRIDGE. DEPTHS ARE MEASURED USING AN R2SONIC 2024 MULTIBEAM SONAR.
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON APRIL 12, 2013 CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.
- HORIZONTAL POSITIONING IS DETERMINED USING THE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS). THE DIFFERENTIAL CORRECTIONS ARE PROVIDED BY U.S. COAST GUARD DIFFERENTIAL BROADCAST STATIONS. SIGNAL STRENGTH IS USED AS THE DETERMINING FACTOR IN STATIONAL SELECTION. THE DGPS RECEIVER IS MANUFACTURED BY APPLANIX MARINE MODEL POS/MV VER 4.0
- GRID COORDINATES ARE BASED ON THE MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, MICHIGAN SOUTH ZONE (2113). NORTH AMERICAN DATUM 1983 (NAD83). ALL COORDINATES SHOWN ARE IN U.S. SURVEY FEET.
- UNLESS OTHERWISE NOTED PROJECT DEPTH IS 21.0' BELOW LOW WATER DATUM.

CENTER LINE T. P.			
T. P.	COORDINATES		
	EAST X	NORTH Y	
3	13.460.678.92	286.491.95	
4	13.457.880.03	287.099.57	

CHANNEL LINE T. P.			
T. P.	COORDINATES		
	EAST X	NORTH Y	
10N	13.460.677.87	286.609.51	
11N	13.460.572.37	286.621.07	
12N	13.460.471.40	286.639.33	
7S	13.460.662.84	286.393.11	
H	13.458.764.03	287.009.99	
I	13.458.721.61	286.814.54	
J	13.458.233.61	286.970.61	
K	13.457.827.38	287.013.10	
L	13.457.909.92	287.194.60	
M	13.458.380.01	287.030.94	

LEGEND



NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
SURVEYED BY: J. Mrozek		ROUGE RIVER, MICH. CONDITION SOUNDINGS	
DESIGNED BY			
CHECKED BY			
REVIEWED:		DETROIT AREA OFFICE	
SUBMITTED:		APPROVAL RECOMMENDED:	
CHIEF, PROJ. OPNS. SECT		CHIEF, OPS. BRANCH	
APPROVED		SCALE 1" = 100'	
PE CHIEF, CONST - OPNS DIVISION		DRAWING NUMBER	
		SHEET 2 OF 2	